

Listing of the Claims

This listing of claims supersedes all prior listing of claims.

1. (currently amended) An antenna for a portable communication device, the antenna including at least one single wire memory device programmed with antenna parameter information, the antenna parameter information within the antenna being accessed by the portable communication device; and

a parallel output single wire I/O device placed on the at least one single wire memory device within the antenna for controlling predetermined antenna parameters that opens and closes switch contacts to alter the operating frequency of the antenna; and

wherein the single wire memory device provides impedance versus frequency parameters, the portable communication device automatically impedance matching to the antenna impedance as the portable communication device changes frequency without having to measure the impedance of the antenna.

Claims 2-14 - canceled

15. (currently amended) An antenna interface system, comprising:

- an antenna center conductor within an antenna;
- a single wire memory device within the antenna, the single wire memory device electrically coupled to the antenna center conductor; ~~and~~
- a radio center conductor for coupling to the antenna center conductor;
- a parallel output single wire I/O device placed on the single wire memory within the antenna for controlling predetermined antenna parameters that opens and closes switch contacts to alter the operating frequency of the antenna; and
- wherein the single wire memory device provides impedance versus frequency parameters, the radio automatically impedance matching to the antenna impedance as the radio changes frequency without having to measure the impedance of the antenna.

Claims 16-26 – canceled